

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q85284

Tatsuyoshi TANAKA, et al.

Appln. No.: Based on PCT/JP03/09125

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: January 28, 2005

Examiner: Unknown

For: PROCESS FOR INDUSTRIALLY PRODUCING OPTICALLY ACTIVE 1,4-BENZODIOXANE DERIVATIVE

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

A copy of an International Search Report in the International Application is submitted herewith. The USPTO should receive copies of the references cited in the International Search Report from the International Bureau. Applicant will furnish any missing references upon request.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for

INFORMATION DISCLOSURE STATEMENT
U.S. Appln. No.: Q85284

continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of an English-language International Search Report from the International Searching Authority in the International Application citing such documents, including at least that portion of the International Search Report indicating the degree of relevance found by the International Searching Authority.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

Sheldon I. Landsman

Sheldon I. Landsman
Registration No. 25,430

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: January 28, 2005

Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

Application Number	Based on PCT/JP03/09125
Confirmation Number	Unknown
Filing Date	January 28, 2005
First Named Inventor	Tatsuyoshi TANAKA
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	Q85284

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 5,780,650	A	07-14-1998	Daiso Co., Ltd.
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	2001-81086	A	03-27-2001	Daiso Co., Ltd.	
		DE	4040186	A	06-27-1991	Hoechst AG.	
		JP	2001-316385	A	11-13-2001	Daiso Co., Ltd.	
		EP	928791	A1	07-14-1999	Daiso Co., Ltd.	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		DELGADO, ANTONIO et al., "SHORT AND ENANTIOSELECTIVE SYNTHESIS OF (R) - AND (S) - 2-HYDROXYMETHYL-1, 4-BENZODIOXAN", Tetrahedron Letters, 1988, Vol. 29, No. 30, pages 3671 to 3674	
		CHEN, Jian et al., "A Practical Synthetic Route to Enantiopure 3-Aryloxy-1, 2-propanediols from Chiral Glycidol", Tetrahedron Letters, 1995, Vol. 36, No. 14, pages 2379 to 2380	
		NELSON, Wendel L. et al., "Absolute Configuration of Glycerol Derivatives., 4. Synthesis and Pharmacological Activity of Chiral 2-Alkylaminomethyl benzodioxans, Competitive α -Adrenergic Antagonists", Journal of Medicinal Chemistry, 1977, Vol. 20, No. 7, pages 880 to 885	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.